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# Module 5: Environmental cost accounting

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## Module 5: Environmental cost accounting

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- Educational goals and topics covered in the module
- Potential uses of the module in chemical engineering courses
- Student handouts
- Instructor materials and textbook
- Software
- Case studies

# Module 5: Educational goals and topics covered in the module

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## Students will:

- become familiar with the types and magnitudes of environmental costs
- be familiar with cost estimation tools for hidden costs, liability costs, and less tangible internal and external costs
- be able to estimate approximate magnitudes of hidden costs, liability costs, and less tangible internal and external costs
- be aware of the limitations of cost estimation methods

## Module 5: Educational goals and topics covered in the module (cont'd)

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### Topics covered:

- Cost accounting terminology
- Magnitudes and types of environmental costs
- Hidden costs
- Liability costs
- Less tangible costs

## Module 5: Potential uses of the module in chemical engineering courses

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- Design course: Perform environmental cost assessments of designs

## Module 5: Student handouts

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- Chapter 12 from textbook
- AIChE Center for Waste Reduction Technology (CWRT) software and case studies

# Module 5: Instructor materials

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- AIChE CWRT Case studies

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# CWRT Total Cost Accounting: Software Demonstration